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23 MAR 1984

### **DIRECTOR OF CENTRAL INTELLIGENCE** Intelligence Information Handling Committee WASHINGTON, DC 20505

LOGGED

IHC/CIRS 84-01 16 March 1984

MEMORANDUM FOR:	CIRS Management Coordination Group Members	STAT
, KOM.	CIRS Coordinator	
SUBJECT:	Summary of 15 March 1984 Meeting	
of the CIRS Mana the recommendati report.	erver from the DCI's HUMINT Committee will attend all meetings agement Coordination Group to coordinate the implementation of ions of the DCI-approved STIC/HUMINT Committee Working Group weetings of this group will be scheduled for the 2nd ch month.	
to tract the inf statement at At	C's Telecommunications (TELECOM) Subcommittee will be requested ternetting of the COINS and DODIIS networks per the tasking tachment 1. It was suggested that a COINS representative or a ST nications consultant work with appropriate members of the IHC's ittee on this task.	<sup>-</sup> AT
the past CIRS p point of contac of contact to w further informa	NPIC, noted that the full text search and document ility for the NDS will not be implemented until March 1989 vice lanning date of September 1987. agreed to help identify a ton the COMIREX staff regarding the COMIREX topics as a point ork the CIRS subject code area. also agreed to provide tion on NDS future capabilities. It was requested that stones be shown in the CIRS schedule for the DODIIS and COINS ntation including related items not specifically required for	STAT STAT
agreed that the 30 March, performed a recommat our 11 April	ring a general discussion of past work in this area, it was CIRS Standard Concept Code Working Group should meet on orm a detailed review of the past efforts in this area, and mended plan of action to the CIRS Management Coordination Group 1984 meeting. It was also recommended that the assessment to the IHC by September 1984 (Attachment 2) not be limited to a billity; but incorporate a technical, policy, and resource	
6. The paper of th	ast efforts of the CIRS Security Working Group were reviewed, identified, and the proposal made to the IHC at (Attachment	STAT

3) was discussed. It was noted that the agency IHC representatives must address this proposal. The proposed future tasking for the CIRS Security

Working Group (Attachment 4) was summarized.

7. The proposed Common User Interfa assumptions for CUI analysis (Attachment that any clarification of the assumptions (preferably in written form). It was agr this effort at FTD CIRC was appropriate a further coordination of this effort was n ADAPT work.	5) were review be provided eed that the s an interim	wed. It was requested at the next meeting FY 86 funding wedge for solution. but that			
8. It was recommended that a formal include D-SAFE as the Phase III node of C representative become a member of the CIR	IRS and that	a SAFE project			
9. It was requested that each of the components involved in the CIRS effort develop a 5-year milestone plan and funding estimate along the lines of the plan developed by for NSA's implementation tasks.					
10. At the next meeting of the ground addressed:	up, the follow	ing items will be			
o an overview of the STIC repo	ort recommenda	tions;			
o the CUI proposed by an	the CUI proposed byand recommendations for modifications; ST				
o the proposed plan of action developed by the CIRS Standard Concept Code Working Group; and					
o the 1984 tasks to be addressed by the CIRS Management Coordination Group and the support requested by an external contractor.					
Attachments: a/s					
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1 March 1984

### PROPOSED TASKING STATEMENT FOR IHC TELECOMMUNICATIONS SUBCOMMITTEE

Request that your subcommittee review the requirements stated in the CIRS documentation and report to the CIRS management coordination group and to the IHC on the following:

- o The ongoing status of efforts to implement the DODIIS network by mid-1986 including a summary of any problems that may prevent the DODIIS network from being implemented by that date.
- o The ongoing status of efforts by appropriate organizations (either DIA and/or DODIIS users) to implement the user/server protocols that will be necessary to transition the current IDHSC II user to the new network. Please specify when the organizations will complete their efforts so that the network can be fully implemented to insure that all authorized DODIIS components will have CIRS access.
- o The ongoing status of the gateway development efforts between the COINS II and DODIIS networks and the transition of COINS II to the IP/TCP protocol. Please specify when these efforts will be complete to the degree that COINS users can access CIRS host processors that are tied to the DODIIS network.
- o Recommendations for action on what can be done to meet communications deadlines or to solve problems identified through the above analyses.
- o Request a preliminary report on these items by 15 July 1984 followed by periodic updates on the status of efforts.

2 March 1984

## PROPOSED TASKING STATEMENT FOR CIRS STANDARD CONCEPT CODE WORKING GROUP

The CIRS Standard Concept Code Working Group will include agency representatives who are responsible for the development and maintenance of agency-unique subject/concept codes. This working group will be supported by a contractor and tasked to do the following:

- o Provide a quantitative analysis of the frequency of use of agencyunique codes over an identified time period (both in coding and in actual usage for retrieval purposes).
- o Compare the structure and content of the various subject codes to identify the relationships and variations in the schemes.
- o Perform an analysis and make a recommendation to the IHC regarding the possible use of numerical designators for the subject codes versus the possible use of alphabetic mnemonics.
- o Develop a preliminary draft for a standard set of codes by assessing the relationship and structure of the various codes as well as the frequency of use of these codes using approximately 100 standard codes as a guideline for development.
- o Evaluate alternatives and recommend to the IHC the most feasible approach for the use of the standard concept codes (e.g., double coding of standard codes in addition to agency-unique codes, translations tables, or Community's adoption of the standard code.
- o Coordinate the proposed standard with appropriate elements of the Community through the IHC.
- o Develop the "standard" set of codes and recommend to the IHC an implementation plan for phasing in the use of code.
- o Provide a assessment of the IHC by September 1984 regarding the feasibility of use of standard concept codes in the CIRS environment.

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Attachment 3

# PROPOSED IHC ACTIONS CONCERNING THE CIRS SECURITY WORKING GROUP

- APPROVE STAGE I SECURITY REQUIREMENTS (CONTINGENT UPON FINAL MODIFICATIONS AGREED TO BY IHC MEMBERS) AS THE PRELIMINARY CIRS SECURITY PLAN FOR PHASE I IMPLEMENTATION
- AUTHORIZE CONTINUING EFFORT BY THE CIRS SECURITY WORKING GROUP TO:
  - REVISE STAGES II AND III OF THE SECURITY PLAN IN ORDER TO ACHIEVE COMPARTMENTED MODE OPERATIONS BY 1988
  - PREPARE AND UPDATE AS NEEDED DATA CONCERNING RESOURCE NEEDS AND SCHEDULES FOR THE SECURITY PLAN
- APPROVE THE DEVELOPMENT OF A SEPARATE SECTION IN THE CIRS SECURITY PLAN ADDRESSING MINIMUM ACCEPTABLE SECURITY REQUIREMENTS FOR THE NETWORKS INVOLVED

### PROPOSED TASKING STATEMENT FOR CIRS SECURITY WORKING GROUP FOR THE PERIOD MAR 84 - JAN 85

The CIRS Security Group will include agency/component representatives who are responsible for the security policies and procedures of computer systems and networks to be used in accordance with the CIRS plan. This working group will be supported by contractor/consultants and be tasked to do the following:

- The CIRS Security Working Group will continue to review and stay abreast of developments at CIRS nodes and networks in the following areas:
  - o Current security procedures of existing automated systems/data communications networks which will provide processing services under the CIRS plan highlighting variations in hardware, software, and procedural approaches (e.g., password protection, host control access procedures, terminal identifiers).
  - o Future security procedures to be incorporated in systems/networks such as SAFE, COINS, and the DODIIS DNSIX model as well as any future changes to security in current processors.
  - o Devices performing specialized security functions, including but not limited to RECON GUARD and DIA's fingerprint recognizer.
  - o Phased security enhancements which will be required for the protection of "G," EXDIS, and LIMDIS materials. Attention will be focused on how current systems and proposed updates will control access to these materials (e.g., how CIA and DIA SAFE will handle them in the future).
- The Security Working Group will continue to develop information dealing with CIRS security requirements implementation at the various CIRS components. Emphasis will be phased on implementation schedules and the costs/resource requirements needed to achieve the security upgrades.
- The Security Working Group will review the requirements in the CIRS Security Plan for network and inter-network security. This review should result in a separate network section of the security plan containing these requirements and the associated milestones or security development stages for these networks and gateways.
- The efforts of the Security Working Group will be concentrated on CIRS security requirements for Stages II and III as given in the draft CIRS Security Plan.

- O Assisted by the IHC staff and contractor/consultants, continue the development of a final security plan for the overall CIRS effort incorporating minimum security features that each host and network must maintain in order to provide the specified services under the CIRS plan.
- o Provide continual review and update of the CIRS Security Plan on a periodic basis.

### ASSUMPTIONS FOR CUI ANALYSIS

•	ANALYSTS WANT UNIFORM RETRIEVAL CAPABILITY; INTERACTIVE ACCESS;	
	EASY TO USE (I.E., NO MANUALS)	
•	NSA AND FTD CIRC WILL BE OPERATIONAL IN APRIL 1986 WITH	STAT
	NON-UNIFORM RETRIEVAL CAPABILITIES .	
•	NSA IS TIED TO COINS/ADAPT; FTD CIRC TO BE TIED TO DODIIS/NQL	STAT
	IN FY86/FY87	
•	DODIIS USERS CANNOT ACCESS COINS ADAPT; COINS USERS CANNOT ACCESS	
	DODIIS NQL	
•	DODIIS NOL WILL NOT BE ABLE TO HANDLE SAFE-D TEXT FILES UNTIL FY87	
•	DODIIS NOL AND PROBABLY COINS ADAPT WILL CONTINUE TO BE BASED ON	
	QUERY/RESPONSE OPERATIONS WHICH WILL DELAY CIRS USER RESPONSE TO	
	APPROXIMATELY 30 SECONDS ON AVERAGE	
•	THE FIVE MAN-YEAR WEDGE FOR PROVIDING THIS INTERIM CAPABILITY IS	

WORTH THE EFFORT TO PROVIDE A UNIFORM CAPABILITY TO THE ANALYSTS